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Morning Register

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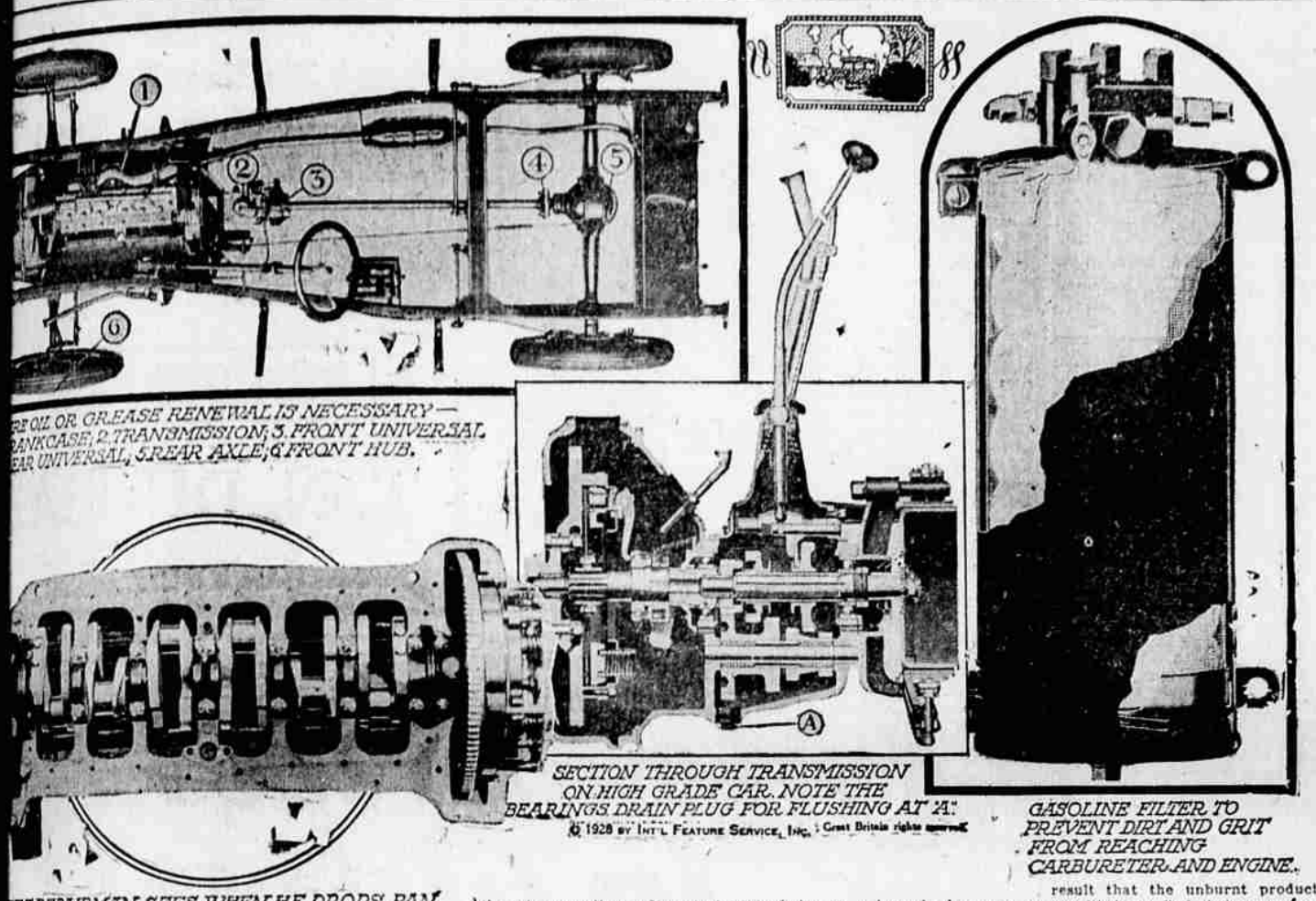
Clean, Fresh Oil Necessary to Vital Car Parts; Diluted Lubricant Harmful



RE OIL OR GREASE RENEWAL IS NECESSARY—
RANKCASE, 2. TRANSMISSION; 3. FRONT UNIVERSAL
EAR UNIVERSAL, 5. REAR AXLE; 6. FRONT HUB.

SECTION THROUGH TRANSMISSION ON HIGH GRADE CAR. NOTE THE BEARINGS. DRAIN PLUG FOR FLUSHING AT "A."

GASOLINE FILTER TO PREVENT DIRT AND GRIT FROM REACHING CARBURETER AND ENGINE.

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AT REPAIRMAN SEES WHEN HE DROPS PAN UNDER ENGINE

Renewal of Lubricant Will Prolong the Life of Your Car

(AUTOMOTIVE ENGINEER.)

...ists who may think that the ...n change the oil is only a ...r boosting the sale of lub... are wrong. Oil loses its lub... quality when it is full of ..., water or grit. All three ... products are sure to find ...y into the crankcase of an ...ile. If the car is equipped ... and oil cleaners, the dan... ...ss, but, nevertheless, it is ... crankcase is not the only part of the car that is affected by dirty and diluted lubricant. The crankcase lubricant suffers more severely than the others, because it is not only subject to mechanical wear as other units are, but also to the products of combustion, one of which is water, and also to leakage of unvaporized fuel, which finds its way past the pistons down into the crankcase.

The transmission and rear axle must be well lubricated as every motorist knows, yet many, in fact the majority, of car users are satisfied to occasionally add a little lubricant to bring the level up to what it should be. The result is that after about 20,000 miles of use there is generally a sediment of grit and mud in the bottom of the case which is just about as effective in wearing away the gears and bearings as a good lapping compound would be.

This sediment is composed of steel particles, dirt and muddy oil. Wherever there is friction there is wear, and wherever there is wear there is the dust-like product of wear, which settles into the oil in the form of gritty mud. The only way to remove this is to open the drain at the bottom of the case and flush it out about twice a year. This little job will pay for itself many times over in added life and quietness of the car.

In flushing out the crankcase or the housings of the rear axle, transmission or universals, kerosene or flushing oil may be used. The kerosene is just as good as flushing oil for everything except the cranking oil in the crankcase because it ing oil in the crankcase becaues it has a slight lubricating value and the engine can be operated for a few minutes with this oil before being drained again, thus cutting away much of the dirt and the undesirable oil residue.

Careful driving can keep the percentage of dilution of the oil in the crankcase down to a minimum. One of the main points, of course, is to limit the ues of the choke, although it is just as bad to underuse the choke as it is to overuse it. When the mixture is too lean it does not burn thoroughly with the result that the unburnt products are likely to find their way down into the crankcase in much the same way as it would happen if the mixture were too rich.

Another important factor which is in the hands of the operator is to use the best possible lubricant. Do not buy oil because it is cheap. Buy well-known and thoroughly responsible brands and you will not go wrong. After all, there is no better insurance for your car than the money put into lubricating oil. But even the best oils wear out. The oil filtering systems that are now being put on motors are doing a great deal toward making the car fool-proof because they are helping the owner to keep the oil clean. If you have such a system on your car be sure to have some understanding of its operation so that you will be able to give it the required care. If there is a filter unit that needs cleaning or replacing from time to time, be sure to do it so the device will function.

Oil purifiers and refiners that are mounted on the car reduce the necessity for changing oil, but they do not eliminate it. In other words, instead of changing the oil every 500 miles, as should be done when there is no purifier, the change can be made at 1,000 miles or more. It is always better to make a mistake on the right side, however, and change a little more frequently than advised. Now that warm weather will soon be here, the time between changes can be lengthened out a little. In the winter, if the car is kept in an unheated garage and used for short runs, the oil change should be made much more frequently.

BOOSTING IDAHO CUTOFF

TWO-DAY ROUTE BOISE TO SAN FRANCISCO OBJECTIVE

WINNEMUCCA, Nev.—A two-day route from Boise, Idaho, to San Francisco via Winnemucca is the objective of the Winnemucca chamber of commerce which has launched a movement in behalf of the Winnemucca-Boise highway.

In this connection Governor Fred B. Balzar has advised the chamber of commerce that he is endeavoring to secure federal aid for mitthe 25-mile Winnemucca-McDermitt unit.

This action follows the launching of the movement for the Yellowstone cut-off route from California to Idaho via Alturas, Lakeview, Ore., etc. cooperation of California in making the Winnemucca-Boise route a link in the projected cut-off route is asked.

Advocates of the Winnemucca-Boise project hold it would divert travel from the Snake river section into Northern California.

It is almost impossible to have valves set properly if they are ground without lifting them off their seats during the process of grinding. This operation is simplified by fitting a spring under the valve head so as to lift the valve when pressure is removed.

ENGINE NOISES TRACED

POUNDING IS LIKELY TO BE FROM LOST MOTION

If a pound in the engine is regular and continuous, it is likely to be from lost motion in the bearings. If it is irregular and occasional, it is more likely to be due to pre-ignition caused by incandescent carbon or imperfect connections.

If the pounding is accompanied by occasional missing, especially if the missing is more frequent when the car is running than when the engine is idling, it is more apt to be due to imperfect electrical connections.

Have Your Brakes
Tested and Adjusted
ELECTRICALLY
by the
"Electrometer"
Brake Tester
For Safe! Reliable! Brakes
Pembrooke & Moritz
824 Pearl Street Phone 843

...T AUTO ROUTE TO ...HO IS NEW PROJECT

...ay Would Cut Off 400 ...iles to California

...N HAS STARTED

Constitute All-Year Road ...en Northern and Central ...lifornia and Yellowstone

...dditional direct motor route ... that will constitute an all-...ighway between northern ...tral California and the Yel...e region—

...s the objective of a move... ...ow under way which prom... produce practical results in ...r future through the me... ...f a series of meetings during ... communities of three states ...he proposed route.

... many years ardent good ... advocates of northwestern ...nia and southeastern Ore... ...ve been hammering upon ... of popularizing the route ...el from Redding, on the ... highway, through Alturas, ...d Lakeview, Ore., to con... ... with the Oregon trail in ...se, Idaho, territory.

...tatus of this route at pres... ...that roads exist along the ...anned but that many sec... ...re in need of considerable ...ement before motor travel ...attracted. In fact, mud con... ... not snow conditions, are ...ter barrier at present to use ... artery that not only will ...much to tourist travel but ...arge commercial significance ...rtery of trade between Cali... ...and Idaho available the year

Action Starts

...enthusiasm of the communi... ...ng the so-called Yellowstone ... route has already been ...ed into action in a large ...e. At the instance of such ...y leaders as Zim Baldwin of ...w, Ore.; D. E. F. Auble of ..., and Francis Carr of Red... ...uch has been done in the ... improvement in recent

... difficulty at present is that ... a portion of the winter sec... ...f the road become impass... ...n account of mud conditions, ... is for the purpose of cor... ... this condition, as much as ...ng else, that the series of ...gs is to be held during the ... of May.

... from the scenic attractions ...bound along almost the en... ...ute it possesses a great his... interest. Before the days ... some of the first pioneers ...d this exact route from the Old Oregon trail in western Idaho to the upper Sacramento valley.

The Yellowstone cut-off, as this route has been named by those originally sponsoring it, is today the shortest travelable route from the San Francisco bay region to Boise. The disance between these points is 829 miles, 400 miles shorter than the Columbia river route.

Optional Route

There is another route, that by way of Reno and Wells, Nevada—which is the eastern part of that state—and Twin Falls, Idaho. The distance to be traversed in case one uses this route is 863 miles. The proponents of the Yellowstone cut-off in northeastern California and eastern Oregon point out that the Reno-Wells-Twin Falls route is not only circuitous, but that it also has the possibility of being closed for several weeks during the winter season.

Meetings to secure the co-operation of officials so that unimproved sections may be brought up to a higher standard will start in May.

C. C. Cottrell, manager of the California State Automobile association's highways bureau, is in charge of arrangements for California participation in the series of meetings the first of which will be held at Redding, May 14. Others are scheduled to be held in Alturas, May 15; in Lakeview, Ore., May 16; in Burns, Ore., May 17; in Boise, Idaho, May 18, and in Jordan Valley, Ore., May 21.

TO BUILD VICTORY LINK

TWENTY-MILE UNIT UNDER WAY IN NEVADA

CARSON CITY, Nev.—S. C. Durkee, Nevada highway engineer, announces that construction of a 20-mile unit of the Ely-Wendover road, connecting the Victory and Lincoln highways, will be commenced this summer.

From 40 to 50 miles of the road is scheduled for completion during 1929.

The unit to be built this year is in White Pine county.

NEVER CHANGE BRANDS

CARBURETOR LIKES ONE KIND OF GASOLINE

Never switch from one brand of gasoline to another in the hope of getting a better action from the engine.

Find out a gasoline that gives the greatest operating efficiency and then stick to that brand. There is such a wide difference in gasolines that a carburetor adjustment efficient for one is far off for another

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A detour is described as being the roughtest distance between two points.

FUMES FROM THE GASOLINE TANK

New Graham-Paige Agency Busy—Studebaker Takes All Stock Car Speed Records—Roadman Family "All Knight"

The Chas. Taylor garage has been the scene of much activity this week-end. The new Graham-Paige cars were shown for the first time in Eugene. A No. 610 sedan, 614 sedan, 619 sedan and four-passenger coupe, and a 629 sedan on display gave interested parties their first glimpse of all sizes of the new car which the three Graham brothers are backing with their long established automobile reputation.

Two deliveries have already been made. M. J. Skinner, of Booth-Kelly Lumber company, purchased the first 610 sedan and Ernest Miller, of Shell Oil company, is driving one of the new four-passenger No. 614 coupe.

H. C. Latham, who has been with the Paige company in Montana for over ten years, has charge of the up-to-the-minute day and night service.

Several new car salesmen will be in the field soon with different model cars.

• • •

When a President eight five passenger Studebaker sedan made its run on April 20-30 at the Atlantic City speedway, it gave the Studebaker a clean sweep of every stock car record, regardless of power or price, according to word just received by Mahlon Sweet, local Studebaker dealer. The first big record was made last fall, when a Studebaker commander traveled 25,000 miles in less than 23,000 minutes. Nothing else had ever traveled so fast. Last month a stock model dictator traveled 5,000 miles in less than 4,800 minutes. This made a record for stock cars under $1400. And then on the last day of April the President broke all closed car endurance and speed records for the periods of five to 2,000 miles and one to 24 hours. The average speed for the entire run was 72.525 miles per hour.

All these records were approved by A. A. A.

• • •

The Roadman family is rapidly becoming a "Knight" family. J. F. Roadman, of Eugene Bakery, recently purchased a new 70 Willys-Knight sedan at Hyland Motor company. This week his son, Louis C. Roadman, took out the first Willys-Knight 56 coupe to arrive in Oregon.

• • •

Within the next week Lane Auto company will receive a full line of the 55, 65 and 75 Durant sixes. Saturday a carload of Stars and Durants arrived to fill the empty space in the show room. Thirteen new cars have been delivered since April 23. New Durants were delivered to W. A. Mathers, W. D. Schmieding, Rosco Allen, Jesse F. Michael, Ben Wilson, Dr. T. M. White, Harry D. Cherry, W. A. Ayres and A. W. Hufstader. New Durant-Stars went out to Harold Taylor, James Wright, Mrs. W. E. Ogden and Alex Erickson.

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Chet Hawkins is now official representative for the American Automobile association. The local station has recently been changed to the Willys garage at Broadway and Pearl and all mechanical work and service for the A. A. A. in Eugene will be taken care of from there.

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The new Oldsmobile sport roadster which F. E. Calkins had been telling his prospects about was sold the first day it was put on the sales floor and so F. E. made a special trip to Portland to bring one back to demonstrate.

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To be modern, it must be electric—so Pembrooke & Moritz decided when they ordered their new brake testing machine. The new machine, "the Electrometer," has arrived at last and is now installed in their new shop at 824 Pearl street.

• • •

Shipments of the new Ford cars are now arriving at E. C. Simmons company every few days. Three arrived this week and were delivered to proud new owners.

• • •

Allen & Louise Rudack, known to theatre patrons as "The Rudacks," tap dancers on the Fanchon-Marco circuit playing at the McDonald recently, decided that a new Chevrolet would be just the car to drive back to California, and purchased one at Gannett Motor company to make the trip.

• • •

Eugene A. Snelstom, one of the managers of Snelstom Bros. mill, was a purchaser of a new Essex sedan this week. This is Mr. Snelstom's second Essex.

Davis Taylor of Penn Lumber company, is also an owner of a new Essex coach, purchased from the Brown Motor company this week.

• • •

W. G. Brown, Hudson-Essex dealer, is now permanently settled in Eugene. This week he moved his family into their new home at Twenty-second and McMillian street. From Mr. Browns' enthusiastic remarks about Eugene, he will never be in the group of knockers we have been hearing so much about lately.

• • •

Peiter K. Peiterson of Junction City, is the proud owner of a new Willys-Knight 70 coupe.

S. E. Sears also purchased a new Whippet coach from Hyland Motor company this week.

• • •

J. T. Evans, local realtor, associated with Robert Prescott company, took delivery of a special six Nash four door sedan from C. L. Dunn Motor company this week. This is Mr. Evans' second Nash.

• • •

J. H. Bray, of Bray Bros. transfer, evidently found Chevrolet trucks well suited for his business, as he took out his third truck this week.

• • •

Walter Walch will join the service department of F. E. Calkins Motor company Monday.

• • •

This is a story about fish—not a fish story. C. I. Good caught 26 nice fish down on the Siuslaw river last week, fishing from his Caille motor boat.

Why Traffic Officers Turn Gray in the Service Grind

Woman Who Caused Lineup of Cars at Busy Intersection Asks Cop Where She Can Buy Some Good Figs.

The woman who observes found herself in the middle of the street when the traffic started, says the New York "Sun." She was blocked and hemmed in. There were cars to the back, front, left and right of her. A few feet away stood a young traffic oficer. The woman kept her eyes on him, the only hope.

A car driven by a woman stopped close to him, the driver calling to him in a high-pitched voice. While they parleyed all the trafic behind the car was held up, and frowning drivers leaned out of the windows asking why and what, the woman kept thinking to herself:

"Now, if I were driving that car and all this traffic was jamming the street, no matter how lost I was I wouldn't dare to stop in the midst of it and ask the way, never, no, never—"

The policeman waved the car onward, and come over to the woman brimming with words.

"Can you beat that?" he asked. "Can you beat it?"

The woman ventured sympathetically: "I suppose she asked for a street—she was lost?"

"No," snorted the young officer while he waived wrathfully at a hesitant car.

"There are queer people in this world," he said, "and, as far as I can see, they get queerer every day. No, she didn't ask me the way, not exactly. She asked me where she could buy figs. Figs! Can you beat that?"

"Is he a good driver?"

"Well, when the road turns the same time he does, it's just a coincidence."

"Western Auto"—
Camp Equipment Headquarters
—is Ready to Serve You!

TO happiness and health, Spring Time is calling! The winding trail o'er hill and valley leads, to many a friendly, memory-haunting nook where clear and cool, some stream is murmuring on its silvery way... 'tis camping time...Touring time...good roads aplenty beckon here and there, so load your car ...obey the call, and take your family with you

Good Eats... Good Times

...That outdoor appetite sure creeps up on us when we're camping. Good food well prepared, and eaten in comfort lends a zest to outings that makes stoves, tables etc. most important equipment. Save on what you need at "Western Auto."

Pleasingly Low Prices on Everything You Need for Comfort, Convenience, Safety and Pleasure.

All over the West, experienced Campers make "Western Auto" their headquarters because they always find in our more than 150 conveniently located stores, a most complete assortment of tested and guaranteed equipment at pleasingly low prices.

Beginners too, find "Western Auto" a better place for purchasing their outfits, because our salesmen give them valuable assistance in the selection of just what they need for comfort, covenience, safety and pleasure.

Sleep Well and Play Better

Sleep comfortably and get the most from your healthy, happy outdoor life. Good beds and bedding are essential to any well selected outfit. "Western Auto will save you money on just the things you really need.

Folding Camp Cot... high quality hardwood with strong canvas cover. Folds compactly. Regular grade... 10 oz. white duck... $2.95. Extra heavy 12 oz. Olive Drab... $3.85

Cotton Mattress Pads, khaki ticking, filled with new cotton linters. Cot size.... $3.95 Double size . . . $6.65

The genuine "Poncho" Mattresses... The ideal camping mattress. Khaki top, waterproof pantasote back... stuffed with staple cotton. End flaps protect from rain when rolled $7.95

Khaki Tick Pillows, Kapok filled $1.15

Folding Camp Beds... The height of camp sleeping comfort. Full double size, will not sag or bend. Easily accommodates two persons. "All Steel" folding camp bed illustrated above . . . $7.95

Angelus Folding Spring Bed ... very popular, folds compactly, and is exceptionally comfortable... full double size $10.85

Other Necessary Equipment

3-in-1 Emergency canteen units, for extra supply of oil, water and gas... $3.85 to 8.90

Canvas Water bags... $1.34 to $1.95

Canteens... $1.25 to 2.15

Luggage Carriers... $1.28 to 2.75

Canvas Basins . . . $1.00

Folding Camp Tables... light and strong $4.75 and $6.85

Camp Stools... with and without backs.... 70c to $1.95

Gasoline Camp Stoves, popular makes.. $3.95 to $12.50

Stove Legs... raise stove to easy cooking height... $1.95

Aluminum Cooking Outfits The first thing the wise camper buys. Everything needed for four persons $5.95 and 8.85

The "Victor" kit illustrated includes 3 kettles, coffee pot, 2 skillets with detachable handle, 4 plates and 4 cups. Extra heavy aluminum. The price is $8.85

Folding Skillets... very handy especially for hikers... two sizes . . . . 55c and 60c

Vacuum Bottles and Food Jugs. Many styles and sizes, priced low at "Western Auto."

Vacuum Bottles (including the well known Universal, and Stanley unbreakable)... 98c to $6.80

Thermal Jugs... Enjoy long trips, by carrying a good supply of hot or cold drinks. These gallon jugs keep foods or liquids hot or cold for hours . . . $1.95 to $3.45

For Shelter and Rest

A good tent and plenty of "comfy" chairs add pleasure to your camping. Save on the best at "Western Auto."

Auto Tents... attach to car, 7½x7, Khaki waterproof "Weathercloth" $10.85

"Palmetto" Tents, Waterproof, complete with pole, pins and floor. A most popular tent... 7x9-6 . . . . . $25.55

Large size... 11x11 feet . . . 33.35

"Burch Nifty" Umbrella Tent... 10x10 41.85

Lazy Back Chairs... strong folding frame with one piece high back $3.25

Cozy Camp Arm Chair. Folds compactly... varnished wood frame, canvas back and seat 3.95

Folding Pails $1.25 Auto Seats $1.55 and 2.15
Camp Axes $1.55 and $1.85 Baby Seats 3.85
"Coleman" Gas Lanterns, Pump attached... $8.50
Tow Ropes and Cables $1.30 and $2.95
Snuggle Buggy Cribs $6.85 and many more articles.

In Our Golf Department

...we offer equipment to meet the needs of every golfer... beginner or seasoned player. Our large stock includes such well known brands as MACGREGOR Course Tested clubs; Playrite clubs; Noe, Burke and other bags; Colonel, Silver King, Long Flash and Playrite balls, and other proven golfing necessities. We also offer well selected, low-priced sets for beginners or for those who desire an emergency outfit. You'll certainly find it to your benefit to visit "Western Auto's" Golf Department.

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